

This Page Is Inserted by IFW Operations
and is not a part of the Official Record

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

IMAGES ARE BEST AVAILABLE COPY.

**As rescanning documents *will not* correct images,
please do not report the images to the
Image Problem Mailbox.**

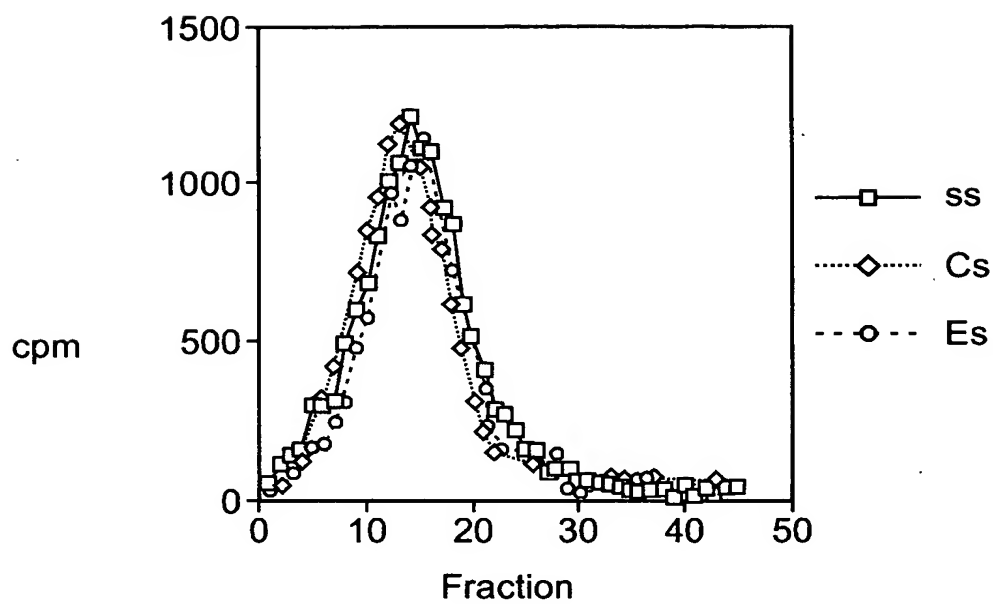


Fig. 1a

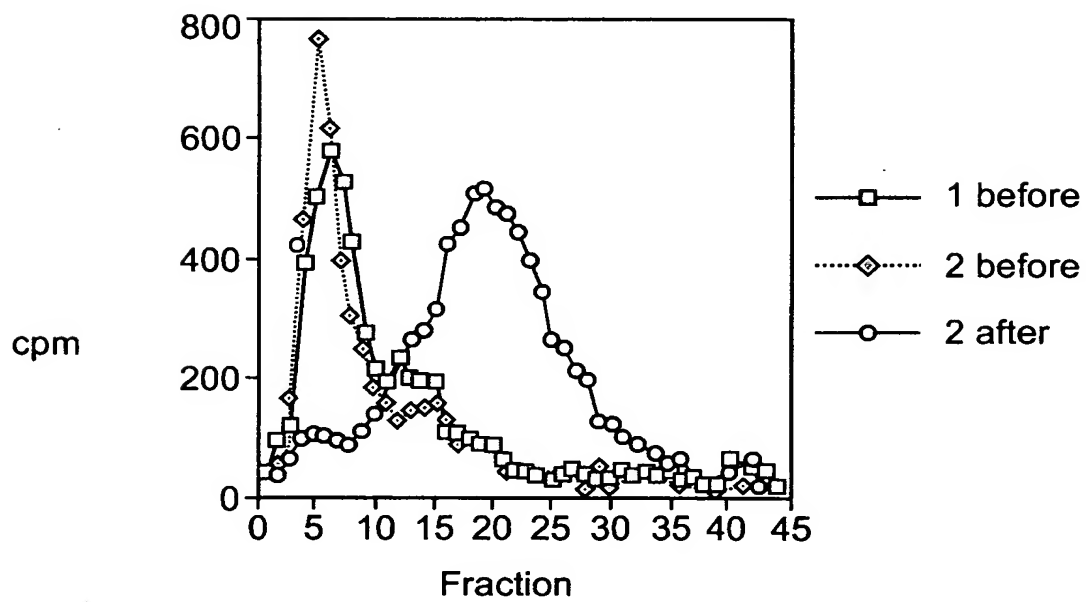


Fig. 1b

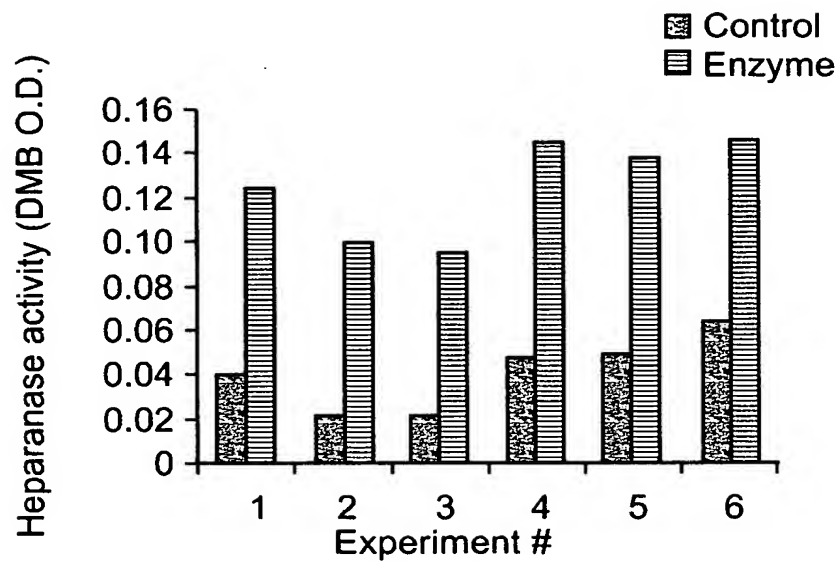
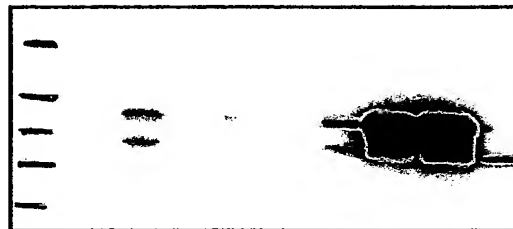


Fig. 2a

Cell attachment
Heparanase

T T 1E 1E 2E 2E
kDa - + - + - + Cb Cb Cc



T = Trypsin

1E = 1mM EDTA

2E = 2mM EDTA

Cb = Control, purified heparanase from baculovirus, p60

Cc = Control, purified heparanase from CHO cells, p45

Fig. 2b

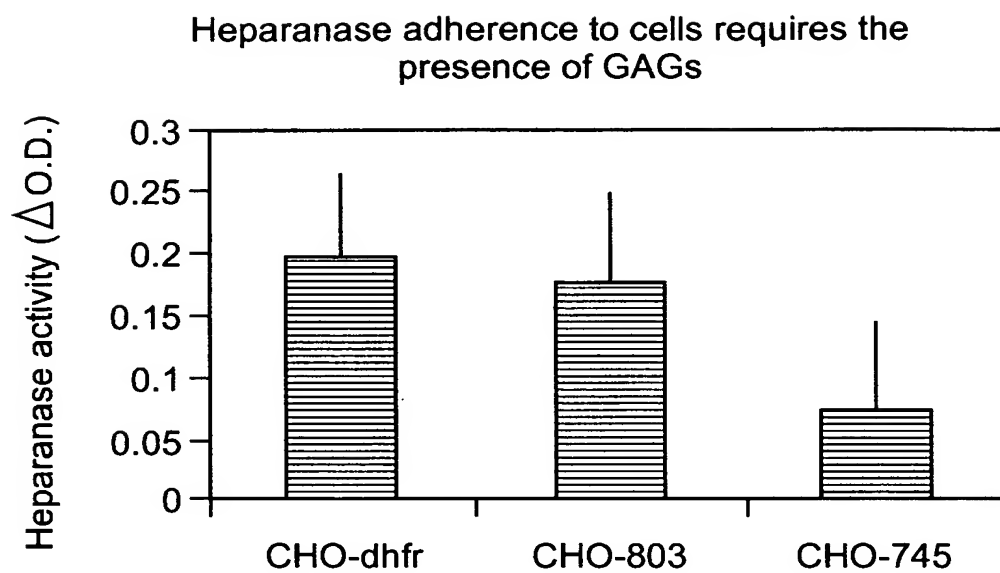
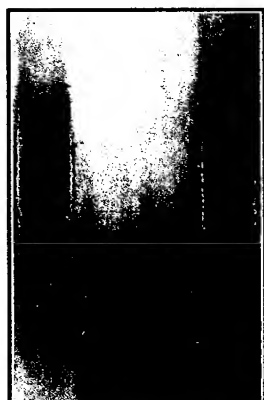


Fig. 3

Sample	O.D. - sample	O.D. - blank	Δ O.D.
B16-F1	0.1245	0.0422	0.0823
B16-F1 transfected	0.1671	0.0303	0.1366
B16-F1 adhered	0.4448	0.0321	0.4127
Control b22	0.2258	0.1163	0.1095

Fig. 4a

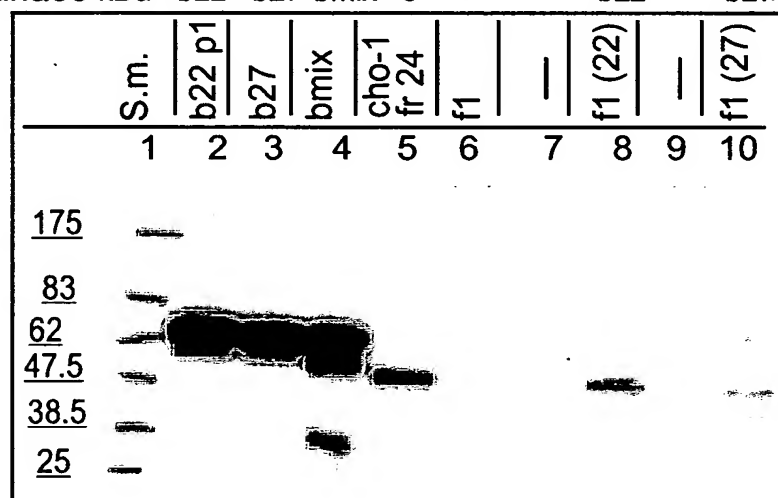
B16-F1 cells
Heparanase - +b22 +b27 C



b22, b27, bmix = control, purified baculo heparanase (p60), different batches.
c = control, purified CHO heparanase (p45)
C = Control, substrate only

Fig. 4b

CONTROL B16-F1 cells
Heparanase kDa b22 b27 bmix c - +b22 +b27



← p60
← p45
← non-specific

Fig. 4c

Sample #	Time of incubation with heparanase	Cell detachment from culture plate	O.D. - sample	Δ O.D.
1	0	Trypsin	0.1291	
2	15 min	Trypsin	0.1777	0.0486
3	60 min	Trypsin	0.318	0.1847
4	180 min	Trypsin	0.3633	0.2342
5	0	1mM EDTA	0.1370	
6	180 min	1mM EDTA	0.3754	0.2384

Fig. 5a

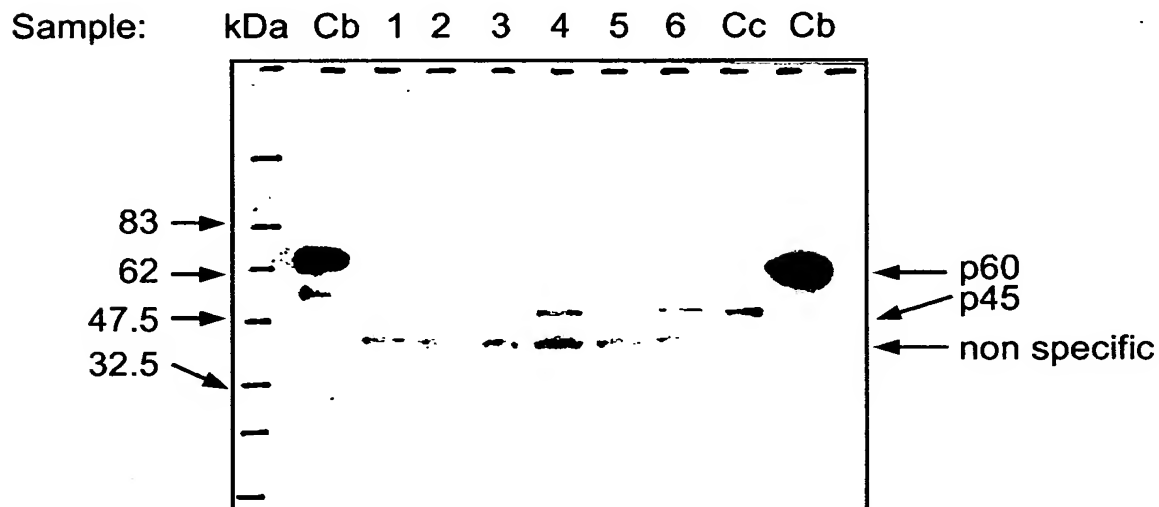


Fig. 5b

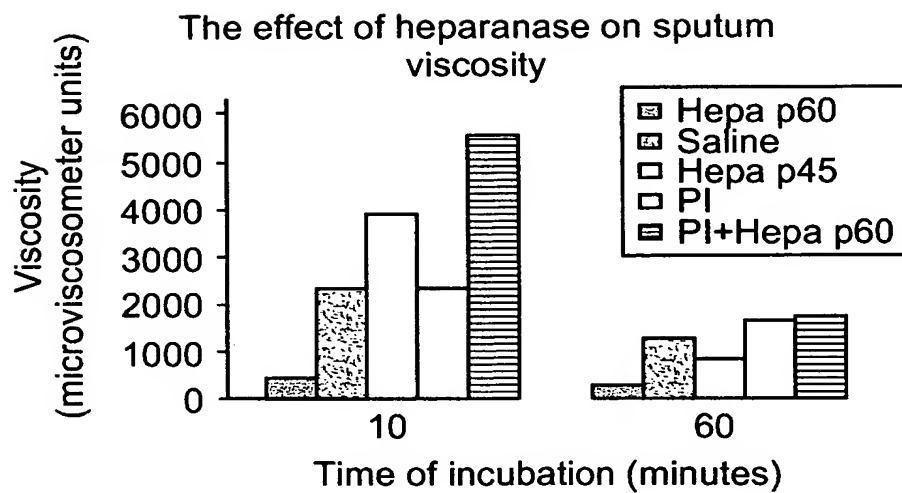
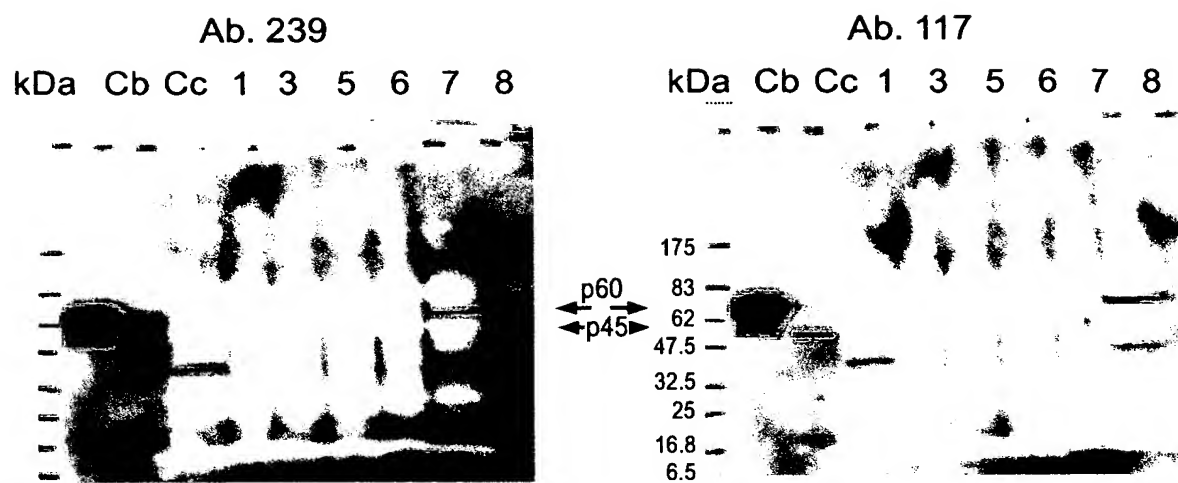


Fig. 6a



Fig. 6b



Cb = Control, from baculovirus, p60. **Cc** = Control, from CHO cells, p45.

Fig. 6c

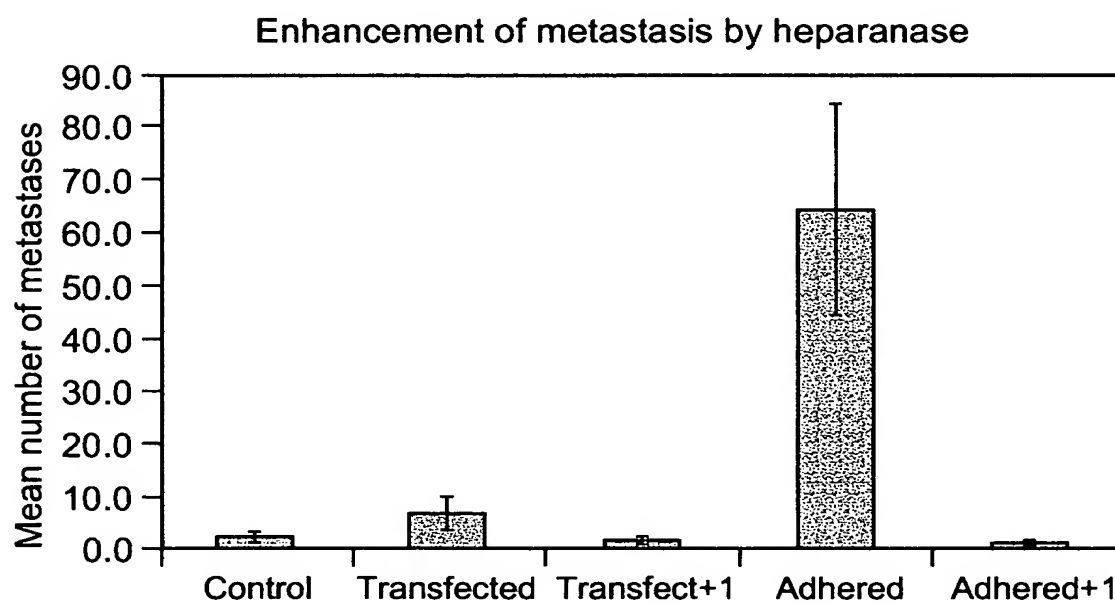


Fig. 7

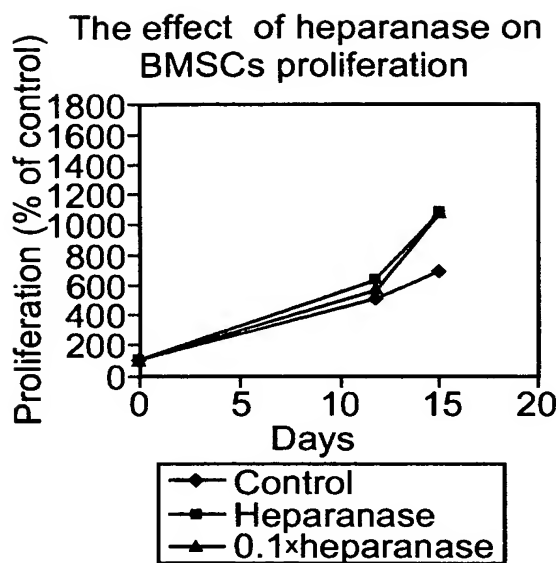


Fig. 8a

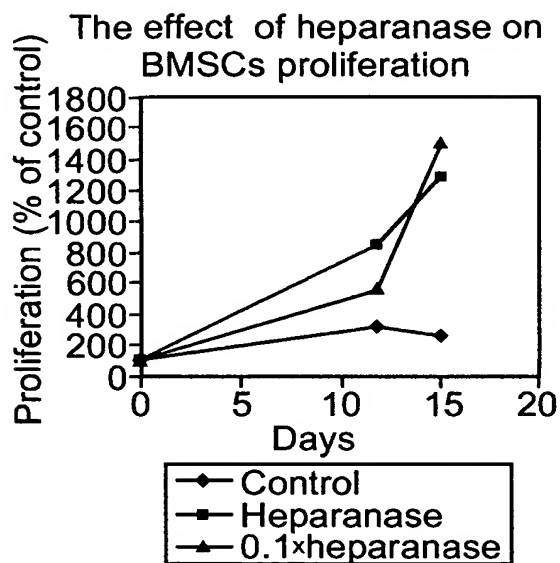


Fig. 8b

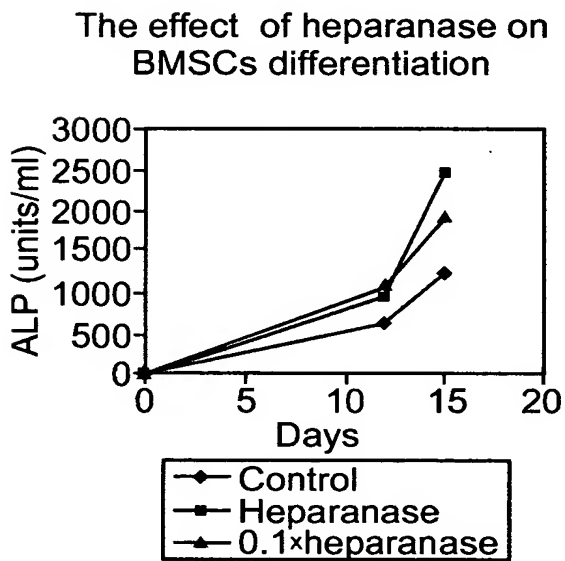


Fig. 8c

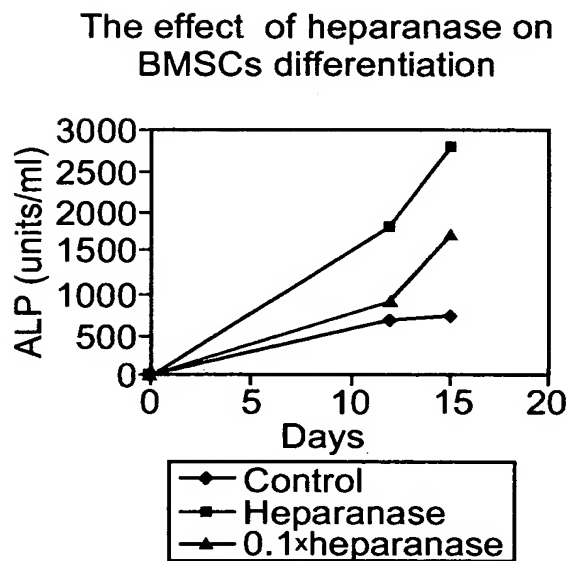


Fig. 8d

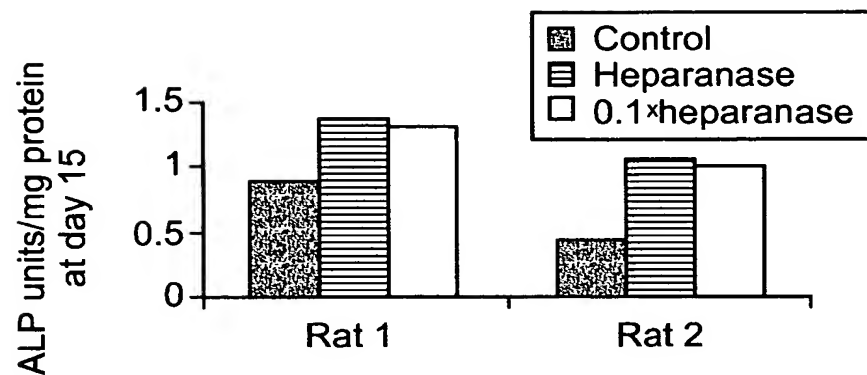


Fig. 8e

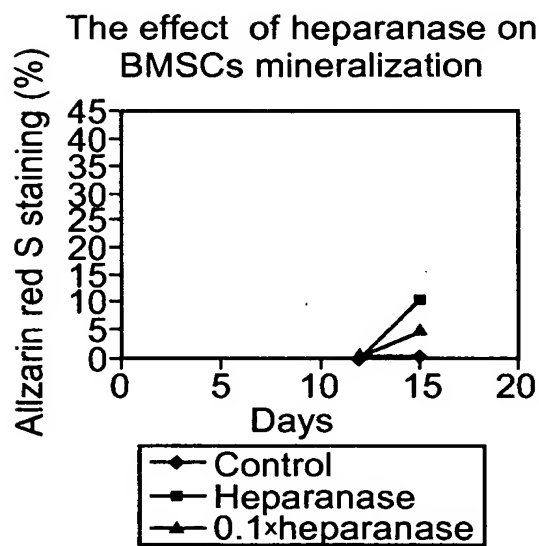


Fig. 8f

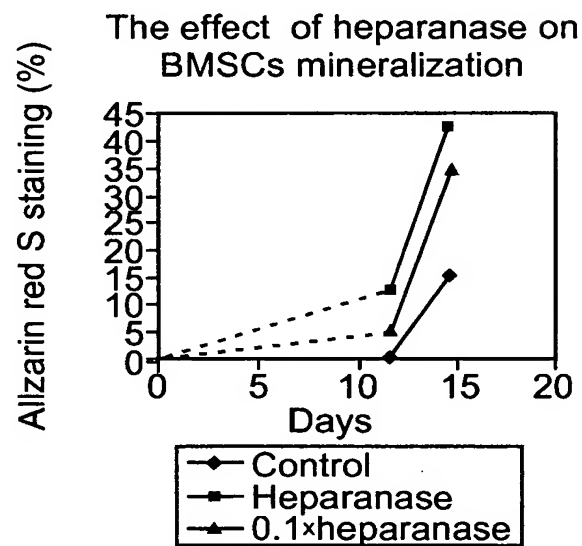


Fig. 8g